

## ABSTRACT

1        A method for sterilizing industrial products using a ethylene oxide in conjunction  
2    with one or more of the following techniques is disclosed: steam pulses; steam conditioning;  
3    deep vacuum pulses with nitrogen; and, positive pressure pulses of inert gases. The entire  
4    sterilization process, which consists of conditioning , sterilizing, and degassing the product,  
5    is performed in a singled chamber. The product is releasable from an ethylene oxide residual  
6    standpoint at the completion of the process. The entire process takes 10 to 20 hours.